

Common Core Standards - Resource Page

The resources below have been created to assist teachers' understanding and to aid instruction of this standard.

Domain	Standard: K.CC.3 - Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).
<p><u>Counting and Cardinality</u> Know number names and the count sequence.</p>	<p><u>Questions to Focus Learning</u></p> <p>How do we write numbers from 0 to 20 correctly? Why is it important to connect quantities to written symbols?</p> <p>Written numbers communicate "how many". Consistent and accurate number formation is necessary for shared understanding.</p> <p>The concept of number includes a list of counting numbers that are used to order and to describe cardinality.</p> <p><u>Student Friendly Objectives</u></p> <p><i>Knowledge Targets</i></p> <p>I know how to write the symbols 0 through 20. I know that numerals 0 through 20 represent a specific quantity. I know the symbols that connect to the quantities in a set of 0 through 20. I know a set of <i>no objects</i> is expressed with the written numeral 0.</p> <p><i>Reasoning Targets</i></p> <p>I can choose the correct numeral that represents a given number of objects.</p> <p><i>Product Targets</i></p> <p>I can write the numbers 0 to 20. I can write a numeral 0 to 20 that represents the total amount of objects.</p>

	<p><u>Vocabulary</u></p> <p>number written numerals 0–20 (0, 1, 2, ...)</p> <p><u>Teacher Tips</u></p> <p><i>Provided with permission from the Public Schools of North Carolina (May 2012)</i></p> <p>http://www.dpi.state.nc.us/acre/standards/common-core-tools/#unmath</p> <p>Students write the numerals 0-20 and use the written numerals 0 – 20 to represent the amount within a set. For example, if the student has counted 9 objects, then the written numeral 9 is recorded. Students can record the quantity of a set by selecting a number card/tile (numeral recognition) or writing the numeral. Students can also create a set of objects based on the numeral presented. For example, if a student picks up the number card 13, the student then creates a pile of 13 counters. While children may experiment with writing numbers beyond 20, this standard places emphasis on numbers 0-20.</p> <p>Due to varied development of fine motor and visual development, reversal of numerals is anticipated. While reversals should be pointed out to students and correct formation modeled in instruction, the emphasis of this standard is on the use of numerals to represent quantities rather than the correct handwriting formation of the actual numeral itself.</p> <p><u>Vertical Progression</u></p> <p>1.NBT.1 - Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.</p>
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The above information and more can be accessed for free on the [Wiki-Teacher](#) website.

Direct link for this standard: [K.CC.3](#)